

Job Name: 26-2402 ADS UK Johnson Center

Job Location: Lexington, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

6/3/2026 2:12:00 PM

Tech:

PC: T. Ryan



Structure ID: DS31

P2 MH048RS54

MH RISER T/G

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - MH FLAT TOP SPEC. HT. (6") w/24" Hole CC F/F - 6"

P3) 48" - MH RISER Custom Ht F/G - 44"

P2) 48" - MH RISER T/G - 54"

P1) 48" - MH BASE T/h - 18"

1) ASSEMBLY REQUIRED

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) CASTING - HOE MCB-375-B F/Bar Grt

3) 48" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

1) Hole - 28

1) DOGHOUSE INVRTD - 22"x22"

0 lb

1102 lb

2600 lb

3772 lb

2588 lb

0 lb

0 lb

0 lb

250 lb

0 lb

0 lb

0 lb

0 lb

10313 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. CASTING BY ICAST (HOE MCB-375-B F/BAR GRT).

4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.

5. P2 & P3 RISERS TO BE MECHANICALLY ATTACHED BEFORE INTERNAL INSTALLATION/DELIVERY.

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..

- RISER/WALLS (As .18)

- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Structure Total:

10313 lb

Rim: 992.4'

Rim to Invert: 4'

Slack: 0"

Sump: 81"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P5)

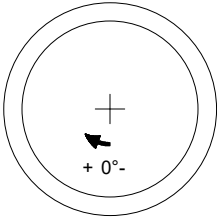
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(P3)

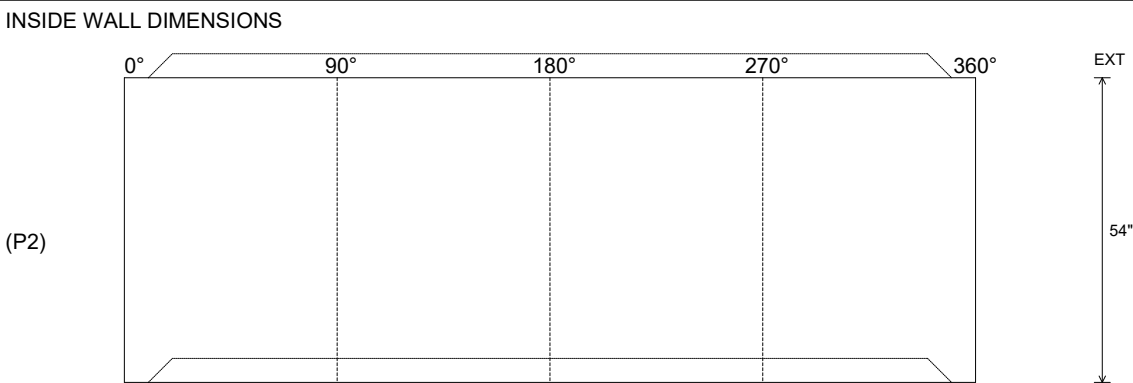
(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 54"

Height (Ext): 54"

Weight (Net): 3772 lb

Volume (Net): 0.96cu.yd